Model: RE1200 1.0

AC1200 Mesh Wi-Fi Range Extender



Datasheet

Highlights

A range extender featuring AC1200 WiFi and an Ethernet port.
Press its WPS buttons to expand the existing Wi-Fi instantly.

- Works with Any Wi-Fi Router
- Dual-Band Wi-Fi 5
- 1× Fast Ethernet Port
- 30 Connected Devices
- Cudy Mesh Satellite
- Multi-Band Simultaneous Backhaul
- Ethernet Backhaul

Actual performance for multiple devices may be affected by the types of applications used, the total available bandwidth, and the capabilities of your devices.

Package Content

- RE1200
- Installation Guide

Hardware Specs

Model Version	RE1200 1.0	
CPU	CPU Details	580 MHZ, MIPS24KEC
Memory/Storage	Flash/ROM	8 MB (64 Mbit) NOR
	DDR/RAM	64 MB (512 Mbit) DDR2
Wireless	5 GHz Wi-Fi Speed	867 Mbps
	2.4 GHz Wi-Fi Speed	300 Mbps
	Wi-Fi Antennas	2× Fixed
	FEM or PA/LNA	5 GHz: 2× Internal, 2.4 GHz: 2× Internal
	Range Performance	Max: 150 m (492 ft) Tested in open-space environments with minimal interference. Actual WiFi range may vary depending on layout and wall materials. Refer to the Wall Performance specifications for placement suggestions.
Wireless	Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7")
	5 GHz Wi-Fi Streams	2 Spatial Streams
	2.4 GHz Wi-Fi Streams	2 Spatial Streams
Interfaces	10/100 Mbps RJ45 Ports	1
Buttons and LEDs	Physical Buttons	WPS Button, Reset Button
	LED	Signal Strength, WPS, Power
Power	Power Input Type	AC Plug
	Power Methods	AC
	Power Input	100V-240V~
	Note	EU, US, UK plug are available on corresponding region versions

Hardware Specs

Reliability	Environment	• Operating Temperature: 0 ℃ ~ 40 ℃ (32 ℉ ~104 ℉) • Storage Temperature: -40 ℃ ~ 70 ℃ (-40 ℉ ~ 158 ℉) • Humidity: 10% ~ 90% non-condensing • Storage Humidity: 5% ~ 95% non-condensing
Mechanical	Install in a Daisy Chain	Recommend to install less than 3 repeaters in a wireless chain.
	Dimension	Main Part: 129.6×80×48.6 mm 5.1×3.15×1.91 inches
	Product Weight	• UK: 210 g (7.41 oz.) • US / EU: 205 g (7.23 oz.)
	Installation	Plug-In-Socket
Certifications	FCC, CE	
Package Content	• RE1200 • Installation Guide	

Ordering Information	Carton Net Weight	• UK: 10.7 kg (23.59 lbs) • US / EU: 11.1 kg (24.47 lbs)
	Carton Gross Weight	• UK: 11.1 kg (24.47 lbs) • US / EU: 12.0 kg (26.46 lbs)
	Units per Carton	30
	Carton Dimension	50.4×37.7×34.1 cm 19.84×14.84×13.43 inches
	Retail Package Dimension	161×120×96 mm 6.34×4.72×3.78 inches
	Retail Package Weight	• UK: 356 g (12.56 oz.) • US / EU: 369 g (13.02 oz.)

Software Specs

Model Version	RE1200 1.0	
Wireless	Wi-Fi Standards	Wi-Fi 5
	Max Wi-Fi Modulation	256-QAM
	Wi-Fi Efficiency	MU-MIMO
	Wi-Fi Efficiency Note	MU-MIMO available on 5 GHz
	Max Capacity	128
	Recommended Client Upper Limit	30
	Wi-Fi Channel Width	Auto/20/40/80 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	WPS	True
	Separate Client	True
General	Operation Modes	• Access Point • Range Extender
	Mesh	Cudy Mesh Satellite

General	Mesh Backhaul	• Wireless Backhaul • Wired Backhaul
	Multi-Band Backhaul	True
System	LED Control	True
	Local Control Method	• Config Web Page • App Control
	Remote Control Method	App Control
	Firmware Upgrade	• Local Update • App (Over the Air) • Online Update
	Reliability	• Timed Reboot • Backup and Restore
Dashboard	Panel	• Connected Devices • Host Network Status • Wi-Fi Status • LAN Status • System Version
	Charts	Mesh Topology

Software Specs

System	Diagnostic Tools	• Ping • Traceroute • NSLookup • System Log

System	Languages	• English • Bengali • Catalan • Czech • German • Greek • Spanish • French • Hebrew • Croatian • Hungarian • Italian • Japanese • Khmer • Korean • Dutch • Norwegian • Polish • Portuguese • Romanian • Russian • Slovak • Swedish • Thai • Turkish • Ukrainian • Vietnamese • Simplified Chinese • Traditional Chinese